Curriculum Vitae

Name: Morteza BAGHERI

- Marital status: Married
- Gender: Male

Date & Place of Birth:
September 23, 1979, Urmia, Iran.

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Professional Experience:

- **Teaching experience**

  Taught cellular and molecular biology course to BSc and MSc students, Urmia University of Medical Sciense, Urmia, Iran (from 2006 to present).

  Taught Immunogenetics course to BSc students, Urmia University of Medical Sciense, Urmia, Iran (from 2005 to present).

  Taught Cancer Genetics course to BSc students, Urmia University of Medical Sciense, Urmia, Iran (from 2005 to present).

  Taught Population Genetic course to BSc students, Urmia University of Medical Sciense, Urmia, Iran (from 2005 to present).

  Taught Molecular Genetic course to BSc students, Urmia University of Medical Sciense, Urmia, Iran (from 2005 to present).

  Taught Molecular Genetic course to MD and MSc students, Urmia University of Medical Sciense, Urmia, Iran (from 2009 to present).

- **Job Positions**

  Academic Staff of Medical Faculty, Genetic Department, Urmia University of Medical Sciense, Urmia (from 2004 to present).

  As research, medical laboratory scientist and technologist in Molecular Genetics laboratory, cytogenetic and molecular medicine unit, Urmia University of Medical Sciense, Urmia, Iran (from 2004 to present).

- **Scientific experience**

Set-up and running of molecular diagnosis tests for detection of GJB2 gene mutations such as M34T, 167delT, 235delC, 35delG, 363delC, 327delGGinsA, H16R, G200R, K102Q, G130V, W24X, W77X, and Q124X

Set-up and running of molecular diagnosis tests for detection of MTHFR A1298C and MTHFR C677T mutations

Set-up and running of molecular diagnosis tests for detection of ACE (D/I) mutation

Set-up and running of molecular diagnosis tests for detection of PAI-1 (5G/4G) mutation

Set-up and running of molecular diagnosis tests for detection of Factor XIII (Val/34Leu) mutation

Set-up and running of molecular diagnosis tests for detection of Factor V Liden (R506Q) mutation

Set-up and running of molecular diagnosis tests for detection of Prothrombin (FII G20210A) mutation

Set-up and running of molecular diagnosis tests for detection of exons 7 and 8 deletions of the SMN gene in Spinal Muscular Atrophy patients

Set-up and running of molecular diagnosis tests for gender determination regarding SRY and Amilogenein genes

Set-up and running of molecular diagnosis tests for detection of f508del mutation of the CFTR gene in Cystic Fibrosis patients

Set-up and running of molecular diagnosis tests for detection of human papillomavirus type 16 and 18 of cervical cancer

Set-up and running of molecular diagnosis tests to screen for the FGFR3 gene mutations in children with Achondroplasia

Set-up and running of molecular tests for genotyping of cytokines and chemokines such as IL-4, IL-10, IFN-γ, TNF-α, TGF-ß1, CCR5Δ32, CCR5 - 59029 A/G and CCR2 - V64I,…

Set-up and running of molecular tests for genotyping of COMT gene in patients with prostate cancer

Set-up and running of molecular tests for genotyping of COMT gene in patients with suicidal behaviors

- **Research Interests**

Prenatal diagnosis and carrier testing of genetic diseases
Modern molecular and cytogenetic techniques in genetic diagnostics

- **Professional Service**

Reviewer for the International Journal of Immunogenetics in 2007.
Reviewer for the Journal of Assisted Reproduction and Genetics in 2010.

Professional and Computer Skills:

RNA and DNA extraction (from blood or tissue), PCR, RT-PCR, Semi-quantitative RT-PCR, electrophoresis, SSCP, SSP, SSOP, RFLP, ARMs, ASO, nested -PCR, southern blot, cloning, chromosome karyotyping, DNA sequencing, Statistical analyses and excellent computer skills.

Languages: Turkish (native), Persian (native), English (MSRT (MCHE): 63/100).

Publications:

• **Papers**

1. Faramarz-Gaznagh S, Rasmi Y, Khadem-Ansari MH, Seyed-Mohammadzad MH, Bagheri M, Nemati M, Shirpoor A, Saboori E. Transcriptional activity of gene encoding subunits R1 and R2 of interferon gamma receptor in peripheral blood mononuclear cells in patients with slow coronary flow. J Med Biochem 2016; 35: 1–8.
2. Bagheri M, Abdi Rad I, Hosseini Jazani N, Zarrin R, Ghazavi A. Frequency of the VNTR-Polymorphisms at the PAH Gene in the Iranian Azeri Turkish Patients with Phenylketonuria. Maedica (Buchar) 2015; 10 (4): 310-314.
3. Bagheri M, Abdi Rad I, Hosseini Jazani N, Zarrin R, Ghazavi A. Mutation analysis of the phenylalanine hydroxylase gene in Azerbaijani population, a report from West Azerbaijan province of Iran. Iran J Basic Med Sci 2015; 18:649-653.
4. Bagheri M, Abdi Rad I, Hosseini Jazani N, Zarrin R, Ghazavi A. Molecular Genetic Analysis of the Variable Number of Tandem-Repeat Alleles at the Phenylalanine Hydroxylase Gene in Iranian Azeri Turkish Population. Iran Biomed J. 2015;19(3):183-7.
5. Bagheri M, Abdi-Rad I, Hosseini-Jazani N, Zarrin R, Nanbakhsh F, Mohammadzaie N. An Association Study between INSR/NsiI (rs2059806) and INSR/PmlI (rs1799817) SNPs in Women with Polycystic Ovary Syndrome from West Azerbaijan Province, Iran. J Reprod Infertil. 2015; 16(2):109-12.

6. Bagheri M, Abdi Rad I, Hosseini-Jazani N, Zarrin R, Ghazavi A. Association between PAH mutations and VNTR alleles in the West Azerbaijani PKU patients. Maedica (Buchar) 2014; 9(3): 242-247.

7. Bagheri M, Abdi Rad I, Hosseini Jazani N, Nanbakhsh F. Gene variations of Vitamin D receptor TaqI in exon 9 (T/C) (rs731236) and Polycystic Ovary Syndrome risk. Int J Fertil Steril. 2013; 7(2):116-21.

8. Bagheri M, Abdi Rad I, Rahimi B, Nan Bakhsh F. Vitamin D receptor gene ApaI alleles and genotypes frequency in Iranian Azeri women with Polycystic Ovary Syndrome and healthy controls. Urmia Medical Journal. 2013; 23 (7) :722-730.

9. Bagheri M, Abdi Rad I, Hosseini Jazani N, Nanbakhsh F. Lack of association of Vitamin D Receptor FokI (rs10735810) (C/T) and BsmI (rs1544410) (A/G) genetic variations with polycystic ovary syndrome risk: a case-control study from Iranian Azeri Turkish women. Maedica (Buchar). 2012; 7(4):303-308.

10. Omrani MD, Bagheri M, Bushehri B, Azizi F, Anoshae MR.The association of TGF-β1 codon 10 polymorphism with suicide behavior. Am J Med Genet B Neuropsychiatr Genet. 2012; 159B (7):772-5.

11. Nikibakhsh AA, Houshmand M, Bagheri M, Zadeh HM, Rad IA. MEFV gene mutations (M694V, V726A, M680I, and A744S) in Iranian children with Henoch-Schönlein purpura. Pneumologia. 2012; 61(2):84-7.

12. Mohebbi I, Abdi Rad I, Bagheri M. Interleukin-18, interleukin-8, and CXCR2 and the risk of silicosis. Toxicol Ind Health. 2012; 22(13): 1110-5.

13. Motazakker M, Bagheri M, Imani M. Subtyping of BK Virus in Iranian Turkish Renal Transplant Recipients by RFLP-PCR. Maedica (Buchar). 2012; 7(1):10-3.

14. Rad IA, Mohebbi I, Bagheri M. Molecular Evaluation of the IFN γ +874, TNF α -308, and IL-1Ra VNTR Sequences in Silicosis. Maedica (Buchar). 2012; 7(1):20-4.

15. Rad IA, Bagheri M, Rahimi-Rad MH. Deletion allele of the ACE gene is not a risk factor for asthma predisposition. Pneumologia. 2011; 60(4): 208-12.

16. Bagheri M, Rad IA, Omrani MD, Nanbaksh F.The Val34Leu genetic variation in the A subunit of coagulation factor XIII in recurrent spontaneous abortion. Syst Biol Reprod Med. 2011; 57(5):261-4.

17. Bagheri M, Rad IA, Nanbakhsh F. Factor V Leiden G1691A and factor II G20210A point mutations and pregnancy in North-West of Iran. Arch Gynecol Obstet. 2011; 284(5): 1311-5.

18. Bagheri M, Rad IA. A Multiplex Allele Specific Polymerase Chain Reaction (MAS-PCR) for the Detection of Factor V Leiden and Prothrombin G20210A. Maedica (Buchar). 2011; 6(1):3-9.

19. Abdi Rad I, Bagheri M. Angiotensin I-converting enzyme gene insertion and deletion allele frequency and genotype distribution in the general population from the Iranian Azeri Turkish origin. Iran J Kidney Dis. 2011; 5: 86-92.

20. Bagheri M, Abdi Rad I, Omrani MD, Nanbaksh F. The 4G/5G genetic variation in the promoter of Plasminogen Activator Inhibitor-1 (PAI-1) gene in patients with recurrent miscarriage and healthy controls. Urmia Medical Journal 2011; 22 (2):85-91.

21. Abdi Rad I, Bagheri M, Farhoudi F. The Frequency of M34T, 167delT, 235delC and 35delG Mutations in GJB2 Gene in Autosomal Recessive Non-Syndromic Hearing Loss Patients in West Azarbaijan. Journal of Zanjan University of Medical Sciences and Health Services, 2011(Issue 76).

22. Bagheri M, Abdi Rad I, Omrani MD, Nanbakhsh F. C677T and A1298C Mutations in the methylenetetrahydrofolate reductase gene in patients with recurrent abortion from the Iranian Azeri Turkish. Internat J Fert Ster. 2010; 4(3):134-139.

23. Bagheri M, Abdi Rad I, Omrani MD, Nanbaksh F. Polymorphisms of the angiotensin converting enzyme gene in Iranian Azeri Turkish women with unexplained recurrent pregnancy loss. Hum Fertil (Camb) 2010; 13(2):79-82.

24. Bagheri M, Abdi Rad I. Frequency of the methylenetetrahydrofolate reductase 677CT and 1298AC mutations in an Iranian Turkish female population. Maedica (Buchar). 2010; 5(3):171-177.

25. Mohebbi I, Abdi Rad I, Bagheri M. Association of angiotensin-1-converting enzyme gene variations with silicosis predisposition. Inhal Toxicol. 2010; 22(13): 1110–1115.

26. Abdi Rad I, Bagheri M, Rahimi-Rad MH, Zeynab M. Association of IFN-γ +874 and IL-4 -590 polymorphisms are not associated with asthma susceptibility in North West of Iran. Tanaffos 2010; 9(4): 22-27.

27. Omrani MD, Mokhtari MR, Bagheri M, Ahmadpoor P. Association of Interleukin-10, Interferon-gamma, Transforming Growth Factor-beta, and Tumor Necrosis Factor-alpha Gene Polymorphisms with Long-Term Kidney Allograft Survival. Iran J Kidney Dis. 2010; 4:141-6.

28. Abdi Rad I, Bagheri M, Omrani Mir D, Norouzi Pakzad H. Polymorphisms of IFN-γ and IL-10 genes in normal population. Urmia Medical Journal 2010; 20 (4):307-312.

29. Omrani Mir D, Bushehri B, Bagheri M, Alipour A, Massomi R. Role of IL-10, IFN-γ and TNF-α genes polymorphisms in Suicidal behavior. Arch Suicide Res. 2009; 13:330-339.

30. Omrani MD, Bazargani S, Salari-lak S, Bagheri M. Association of codon 10 polymorphism of the Transforming growth factor-beta 1 (TGF-ß1) gene with prostate cancer and hyperplasia in Iranian population. Urol Int. 2009; 83:329-332.

31. Omrani MD, Bagheri M. Frequency of CCR5Δ32 variant in North-west of Iran J Sci I R Iran 2009; 20(2): 105-110.

32. Abdi Rad I, Omrani MD, Bagheri M, Parvaresh A. Frequency of 35delG mutation in GJB2 gene in autosomal recessive non-syndromic hearing loss (ARNSHL). Urmia Medical Journal 2009 20(1):34-39.

33. Omrani MD, Bazargani S, Bagheri M, Yazdan-Nejad H.Association of catechol-o-methyltransferase polymorphism and prostate cancer and benign prostatic hyperplasia. J Res Med Sci. 2009; 14(4):217-22.

34. Omrani MD, Bazargani S, Bagheri M. IL-10, IFN-γ and TNF-α genes variation in prostate cancer and Benign Prostatic Hyperplasia. Curr Urol. 2008; 2: 175–180.

35. Omrani MD, Mokhtari MR, Tagizadae A, Bagheri M, Ahmad-Poor P. Association of CCR5-59029 A/G and CCR2-V64I variants with renal allograft survival. Iran J Immunol. 2008; 5: 201-206.

36. Omrani MD, Gheibi A, Asadi-Rad V, Bagheri M, Yousefi-Rad MH. Determination of the frequency of sporadic and familial cases of gastrointestinal cancers in West-Azerbaijan province (2002-2005). Urmia Medical Journal 2008: 19(3): 280.

37. Omrani MD, Samadzadae S, Bagheri M, Attar K. Prevalence of Y chromosome microdeletions in West-Azarbijan idiopathic infertile men. Urol J. 2006; 3(1): 1-6.

38. Omrani MD, Saleh Gargari S, Lotfinejad S, Bagheri M. Study of the prevalence of human papillomavirus type 16 and 18 among patients with cervical cancer in west Azerbaijan using PCR. Urmia Medical Journal 2006; 18(1):17-27.

39. Omrani MD, Saleh Gargari S, Abdi-Rad I, Bagheri M. Cytogenetic finding among 166 down patients. Urmia Medical Journal 2005; 16(1): 7-12.

40. Omrani Mir Davood, Bazargani Soroush, Bagheri Morteza. IL-10, IFN-γ and TNF-α genes variation in prostate cancer and Benign Prostatic Hyperplasia. Curr Urol. 2008; 2:175–180.

- **Abstracts**

41. Bagheri M, Abdi-Rad I, Maleki D, Eishi A, Valizadeh N. Evaluation of JAK2 V617F mutation in the west Azerbaijani Patients with the Philadelphia negative chronic myeloproliferative disorders. Congress on applied research on common cancers of Iran. 29 May – 2 June, 2014, Urmia, Iran.

42. Bagheri M, Abdi-Rad I, Maleki D, Eishi A, Valizadeh N. Frequency of BCR-ABL Fusion Transcripts in the west Azerbaijani Patients with Chronic Myeloid Leukemia. Congress on applied research on common cancers of Iran. 29 May – 2 June, 2014, Urmia, Iran.

43. Bagheri M, Abdi Rad I. A multiplex allele-specific polymerase chain reaction for the detection of Factor V Leiden and prothrombin G20210A. in vivo 2011; 25: 467-576. Abstracts of The 4th International Congress of Molecular Medicine, 27-30 June, 2011, Istanbul, Turkey.

44. Bagheri M, Abdi Rad I. Factor XIII gene val34leu mutation in the Iranian Azeri Turkish healthy controls. in vivo 2011; 25: 467-576. Abstracts of The 4th International Congress of Molecular Medicine, 27-30 June, 2011, Istanbul, Turkey.

45. Bagheri M, Abdi Rad I, Nanbakhsh F. Factor V Leiden G1691A and factor II G20210A mutations in women with a history of at least three consecutive fetal losses: a study from the North-West of Iran. Journal of Reproductive Medicine, Vol.9, Suppl.1, winter (Abstracts of 17th Congress of Iranian Society for Reproductive Medicine).

46. Bagheri M, Abdi Rad I, Omrani MD, Nanbaksh F. The The 5G/4G genotype of Plasminogen Activator Inhibitor-1gene is not associated with recurrent miscarriage. 11th Iranian Genetics Congress 22-24 May 2010 Tehran-Iran.

47. Bagheri M, Abdi Rad I, Omrani MD, Nanbaksh F. Factor XIII gene Val34Leu mutation in recurrent spontaneous abortion. 11th Iranian Genetics Congress 22-24 May 2010 Tehran-Iran.

48. Abdi Rad I, Bagheri M, Rahimi-Rad MH, Moradi Z. Study of IL-10 -1082, IFN-γ +874 and IL-4 -590 polymorphisms in Asthma. 11th Iranian Genetics Congress 22-24 May 2010 Tehran-Iran.

49. Abdi Rad I, Bagheri M. Angiotensin-1-converting enzyme gene Insertion and Deletion Allele Frequency and Genotype Distribution in the General Population from the Iranian Azeri Turkish Origin.11th Iranian Genetics Congress 22-24 May 2010 Tehran-Iran.

50. Bagheri M, Abdi Rad I, Omrani MD, Nanbaksh F. Frequency of PAI-1 -675 4G/5G alleles and genotypes in recurrent miscarriage and healthy controls. 2 International Congress on Reproductive Health and Family Planning 27-29 Oct 2010 Urmia-Iran.

51. Mohebbi I, Abdi Rad I, Bagheri M. Association of angiotensin-1-converting enzyme gene variations with silicosis predisposition. 4th National Conference of Occupational and Environmental Medicine 20-22 Feb 2010 Tehran-Iran.